

K. H. L. Key

8-12. iii. 1969

8/3.

54462. Currie P.O. Took road to Grassy.

470. Gently undulating pale grey sand, *Phaulacodiscus vittatum*, *Austroicetes vulgaris* with lower-lying humus areas.

*Melaleuca* sp. + *Leptospermum* sp. to 10ft., with lower patches *Leptospermum* sp., occ. *Banksia* sp. + monocots to 2ft., occ. forbs.

472. Eltrick R.

473 ~~5~~. Took Mt. Stanley road.

476. Turned off to right ("Red Hut road?")

477. Mt. Stanley. A very low rounded elevation (originally *E. ovata* + tea-tree.

478. Return.

479. Back on main road.

480. Cleared from tall trees; only the very old trunks remaining here & there. *Austroicetes vulgaris*

Undulating pale sand. *Leptospermum* sp. to 3ft., occ. *Cassinia* sp., rushes to 3ft., introduced grasses & clones.

481. Rejoined direct road to Grassy.

483. Grassy. Followed road past mine towards coast.

485. Sandhills with white sand  
*Astragalus vulgaris*, *Phaulacridium vittatum*,  
 leading to whiteish granite knob.  
~~*P. nanum*~~ *Mimosa* ~~*nanum*~~  
*Bracken*, *Oleana* sp. (small white  
 flowers), *Leptospermum* sp., *Melaleuca*  
 sp. + a phyllodineous *Acacia* sp. to  
 1 ft, rising higher on granite knob,  
 which has stunted *E. globulus*, *E.*  
*vermiculata*, & *E. ovata*. Sea.

487. Grassy.

9/3.

53732.5 Currie

736. Turn-off to airport

737. "Munro's road" to right

739. Butler factory on left

739. Turned right along "Brown's road".

741 Turned left along "old tin mine road".

743. Gently undulating pale grey sand  
*Tasmanian* sp., *Phaulacridium vittatum*,  
 with *Casuarina* sp. to 8 ft, *Leptospermum*  
*Astragalus vulgaris*, *Parakeetia argillacea*  
 sp., *Delwynia* sp. (?), & epacids, *Hebe* -  
*accae* & other monocots, to 1 ft in large  
 patches. *Phaul. nanum*.

745. Similar to last, but scattered  
*Phaulacridium vittatum*  
*Casuarina* to 3 ft, & less *Delwynia*.

748. Triple fork. Kept left.



748. Elephant R.

749. Leave Elephant R. Undulating, pale  
*Austroicetes vulgaris*, *Phaulacridium vittatum*,  
 grey sand, with bracken to 1ft, leptosp.  
~~*Mungatiridiana*~~, *Paratettix argillaceus* (j.)  
 spp. to 3ft & shorter, occ. *Gahnia* &

*Dilwynia*, some grass, occ. *Dracella* sp.

758. Rejoined North Road. Turned right.

759. Looranna

759. Hills road

760. Keddles road. Coastal consolidated  
*Austroicetes vulgaris*, *Phaulacridium vittatum*,  
 dunes. Pale sand. Original vegetation

completely replaced by tussocks of  
 a cyperaceous plant <sup>to 18in</sup> 1/2 grass to 1ft.  
 mainly an annual sp. (dead) with an  
 oval, soft, white head.

766. Turned right for Reekara.

768. Road to left.

771. Cross roads.

775. Mt. Cornsby & adjacent slopes &  
 flat. <sup>*Tasmaniacris* sp.</sup> Essentially same vegetation as  
 previous "Lappa sand" stops, but  
*Banera* sp. also prominent to 1ft. Occ.  
 stunted *E. ? ovata* to 8ft. Stony upper  
 slopes & summit. Return.

783. Back on north road. Turned right.



788. East Wickham, Return.

10/3.

812. Currie. Took wharf road & lighthouse road.

813. Lighthouse. Returned & took Beach road to Golf Club.

813. Golf Club. Beige sandhills with *Phaulacridium vittatum*, ~~*P. nanum*~~, *Austroicetes* apparently, *Urogin* community of *Ulgario*, *Paratettix argillaceus*, *Mimyaena nana*, *Leptospermum longatum*, *Correa* sp., *Acacia* sp., *Boobialla*, & other shrubs to 6ft, but often 18in, occ. *Cyperaceae*, some *unproduced grass*.

End of road (Admiral Beach). *Nyoporum insulare* R. Br.  
814. Consolidated sandhills immediately Rhagodia baccata (Labill.) Moq., *Leucopogon* sp., behind coast. Near-*Urogin* to *Ulgario*.  
*Scirpus nodosus* Rottb., *Senecio odoratus* Hornem. Same shrubs & other plants as previous. *Austroicetes ulgario*, *Phaulacridium vittatum*, ~~*P. nanum*~~, stop, but 2 spp. of *Olearia* prominent, *Mimyaena nana*, *Olearia glutinosa* (Hindl.) Benth. one with nickelum-sized mauve flowers *Paratettix argillaceus* to 6ft. but usually smaller. The other *Olearia lipidophylla* (Pers.) Benth. with very small silver, leaves to 1ft.

*Carpobrotus* occ. *Poa* sp. with some *Lagurus patulus* L. *Calocephalus brownii* (Carr.) F. Muell. of silver-top grass. Bare sand frequent. *Pimelia serpyllifolia* R. Br., *Correa backhouseana* Hook. Return. *Calytrix tetragona*, *Ammophila arenaria* (L.) Link (marum grass)

816 Currie P.O.

820 Turned off grassy road for P.O. shop



824. Ettnick R. crossing, at entrance to sea. *Shiela* sp., *Calceophalus* sp., *Phaulacridium vittatum*, *Rhagodia* sp., *Calceobrotus* sp., another azoaceous succulent, *Myoporum* sp., ~~tall to 2 1/2 ft~~ *Acaena* sp., Thistles (dead), Cyperaceae at edge of rocky shore.  
830. Pearshape.

835. Surprise Bay. Steep, white sandhills. *Austroicetes vulgaris*, *Phaulacridium vittatum*, immediately behind sea, all boggled - *Gastromargus mucosus* boggled as usual. Nearest to sea with a pure stand of marram grass dense to 2 ft, further back, to some extent interdigitated, the usual combination of cyperaceae & silver-top grass. *P. vittatum* & *A. vulgaris* very abundant, *Gastromargus* rare, associated with marram grass.  
Return.

836 Intersection with road to Seal Rocks.

838. Intersection with road to Seal Ruin.

839. Typical Lappa sandheath, with *Tasmaniacris* sp., *Phaulacridium vittatum*, *Olivynia*. (*Tasmaniacris* seems to

(in associated with this). Phaul. nanum.

844 Pearshape.

846 Sandhill in Currie calcareous  
*Austroicetes vulgaris*  
sand with *Correa* sp., *Pinellia* sp. &  
occ. *Myoporum* to 4 ft. small silver-  
leaved *Olearia* to 1 ft abundant,  
cyperaceae & silver-top.

847 Ettrick R. crossing.

11/3.

874 Turned off along South Yellow  
Rock road from North road.

878 Junction with Whistler Pt. road.

877 Yellow Rock. End of road. Return.

Took North Yellow Rock road.

882 East Wickham. Took Yambacoon  
road.

883 Yambacoon. Return.

885 East Wickham. Turned left.

890 Egg Lagoon.

892 Haines road to right.

893 Turned left for Wickham Lighthouse.

897 Cape Wickham Lighthouse. Coastal  
*Phaceladidum vittatum*, *Austroicetes vulgaris*  
sand-dunes with marram grass  
alternating with cyperaceae-silver



top. Numerous very large bushes of  
 boxthorn mixed with *Rhagodia*. Miscell-  
 aneous insects mainly at boxthorn  
 flowers. A white butterfly also. Return.

902. Turned left along Rocky Cape road.

903. Return.

905. Turned left along Hamers road.

909. Turned left to Lake Martha Lavinia.

910. Undulating white sand with  
*Tasmaniae* sp.  
 mallee-form *E. unimialis* to 7ft.

*Leptospermum* sp. *Delonixia* sp. to 18in.  
*Leptospermum laevigatum*,  
*Banksia* sp., *Casuarina* sp., *Acacia* sp. all  
 to 7ft, some bracken to 1ft, some  
 tussocky monocots. *Phaul. vittatum*,  
*P. nanum*.

911. Lake Martha Lavinia (SE. end). Swampy  
~~*Phaulasidium nanum*~~ *Minyacris nana*  
 flat just W of margining dike. Same  
 veg. as last stop, but all to 1ft  
 growth slashed; rest < 1ft. Return.

12/3.

950. Currie.

953. Turned off South road for Pagarah

957. Pagarah

963. Paranna

967. Junction with Mullerwood road.

967. Naracoopa

969. Turned right for Sea Elephant

970. Gently undulating Lappa sand  
*Phaulaspidium vittatum*, *P. nanum*, *Anastroicetes*  
 with short heath to 1 ft. Exceptional  
*vulgaris* *Ningyaria* *rona* *monocots*. *Hibbertia* sp.  
 abundance of ~~restioidae~~

975. Gently undulating Lappa sand  
*Phaulaspidium vittatum*, *Tasmaniacris* sp.  
 with dead *Banksia* sp. & *Casuarina*

sp. to 15 ft. occ. 2 ft. Regrowth of *Phaen*  
 & *Leptospermum* sp. & *Phelipaea* sp.

*Dillwynia glaberrima* Sm.  
 to 3 ft, *Dillwynia* sp. to 10 in, *Tasman-*  
*iacris* associated with this (all  
 nymphs).

977. Sea Elephant. Cyperaceae & *Poa*  
*Phaulaspidium vittatum*  
 tussocks along river flats to 2 ft.

Return.

984. Turned right along Fraser road.

992. Elephant R. crossing.

995. Adams road to left.

54001. Currie.

*Selaginella uliginosa* (Labill.) Spring,  
*Lycopodium deuterodensum* Hester, *Gahnia* sp.,  
*Casuarina monilifera* L. Johnson, *Pultenaea juniperina*  
 Labill., *Banksia marginata* Cav.



There appear to be only three eucalypts on the island: *minimalis*, *globulus*, & *ovata*. These were originally trees of 80 ft on the Pegasus fine sandy loam, where they are still accompanied, <sup>in a patch</sup> ~~far~~ <sup>around</sup> ~~around~~ *Parenna*, by *Acacia melanocylon*, tree-ferns, & other ferns. On poorer soils there is an extremely dense understory of *Mulalunca* up to 30 ft, but this has probably been greatly increased by fires. On some of the Lappa sand plains, all three eucalypts may assume a tree mallee form not exceeding 8 ft.

The 6 species found were all adult, except *Tasmaniensis*, which was mainly nymphal, but nowhere other than rare, & apparently confined rigidly to the Lappa sand heath, where it was associated with a *Dillwynia*, apparently without exception. No nymphs of *Cirphula*, *Uonisa*, *Peakesia*, *Pednura*,

or any other "early" species were seen, but the absence of these species cannot be asserted without a spring visit.

The heaths are very depauperate, lacking *Xanthorrhoea*, *Hakea*, button-grass, *Richea*, & other species typical of it in NW. Tasmania. It may be that at its last isolation King Is. was entirely covered by dense forest, or at any rate that its heaths, developed on aeolian sand, have had <sup>little or</sup> no floral communication with heaths in Tasmania. Assuming no different results following a spring visit, the grasshoppers <sup>give substantial</sup> support to this view, the only typical heath species (but not solely heath) present on the island being *Phanlaecridium nanum*.